Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 06 Jul 2021 until 23:59 on Wednesday 07 Jul 2021

Forecast Issued on Monday 05 Jul 2021 at 11:48

Confidence: High in overall unsettled set-up, moderate confidence in timings of poor weather on Tuesday.

Headline for Tuesday 06 Jul 2021: A low pressure system moves northwards bringing widespread rain and low cloud for much of the day.

Mountain weather hazards on Tuesday 06 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain showers	Sunny intervals	Sunny intervals	Light rain showers
Precipitation probability							
50%	70%	70%	50%	40%	20%	20%	40%

Forecast for Tuesday 06 Jul 2021

Weather: A band of heavy rain moves northwards in the early hours, with widespread low cloud forming across the park. Although the heavy rain may ease slightly at times, the cloud is expected to persist throughout the morning. Into the afternoon, heavy rain will ease, the wind will increase to a strong westerly and the cloud will gradually lift. Some cloud breaks are possible to the east of high ground allowing brief periods of sunshine. Light showers possible during the afternoon and becoming more frequent again by the evening.

Chance of cloud free mountain/hill tops above 600m: 10% during the morning. Improving to 50% in the west, 80% in the east by the afternoon.

Visibility: Widespread very poor visibilities at first, cloud base 300m, improving to good in the afternoon but deteriorating to moderate in any showers.

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Forecast for Tuesday 06 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 E	11/17 E	10/14 NE	10/15 NW	21/29 W	23/33 W	18/26 W	15/22 SW	16/23 SW
300	7/12 E	8/13 E	7/12 NE	9/14 W	17/25 W	18/29 W	13/21 W	12/20 SW	12/21 SW
Valley	5/10 E	6/15 NE	6/13 NE	8/14 NW	13/25 W	14/28 W	10/21 W	8/18 SW	9/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	9/7	9/7	10/8	10/7	11/8	11/8	10/7	10/7
300	12/11	12/10	11/10	12/10	13/10	14/11	14/12	13/10	12/10
Valley	13/12	12/11	12/11	12/11	14/11	15/12	15/13	13/12	13/11
Freezing Level*	2100m	2200m	2200m	2100m	2100m	2000m	2100m	2300m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Treacherous conditions during the morning, slippery underfoot in heavy rain and very poor visibilities across the summits. Improving during the afternoon, but conditions could still change rapidly strong winds moving showers quickly across the area.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 05 Jul 2021	15mm	21.2mm	23.2mm

Forecast for Wednesday 07 Jul 2021

Weather: Showers continuing overnight Tuesday with low cloud across the park to start the day. Cloud will steadily lift and break during the morning, with frequent sunny spells during the afternoon. Showers are likely to continue through much of the day, heavy at times in the morning but easing by late afternoon. Dry and sunny during the evening, but low cloud returning again overnight.

Maximum wind: South-westerly becoming westerly 15mph gusting 25-30 mph.

Chance of cloud free mountain/hill tops above 600m: 50% steadily improving to 90%

Visibility: Moderate to poor in the morning with cloud bases 400-500m. Generally good during the afternoon.

Temperature: **Valleys:** PS 10 increasing to PS 18
At 600m: PS 12
Freezing level: Above summits

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